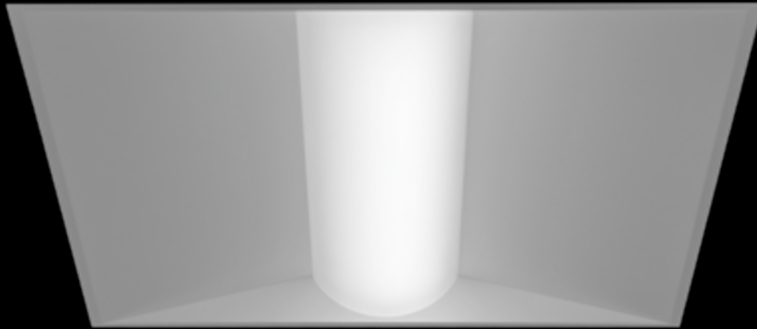
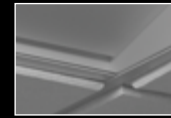


# Amica™ 2 2x2

LED

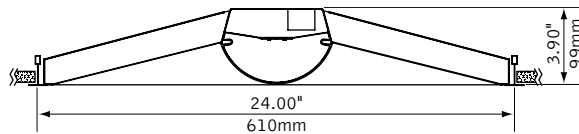


lens detail

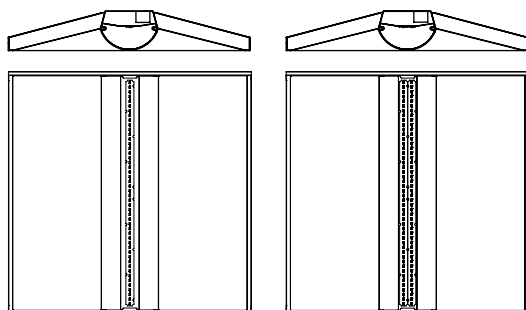


air return

## DIMENSIONAL DATA



### led options



Standard (1 LED Board)

High Efficiency (2 LED Boards)

## FEATURES

Architectural recessed LED luminaire with classic lines to complement architecture.

Center ribbed diffuser masks LED brightness to create even illumination.

3.9" housing depth ideal for shallow plenum applications.

Access from below the ceiling for easy maintenance.

Connected Solutions: Integrates with wired and wireless building lighting control systems.

PoE compatible: Integrates with Power over Ethernet lighting systems via standard, low-voltage wires.

## PERFORMANCE

### PRODUCT OVERVIEW

Lumen Output:	2000-5000lm
Wattage:	15-38
LPW:	124-136
SDCM:	3

High Performance  
2000 Lumens (2000LH)  
**Delivered Lumens: 2000lm**  
**Total System Watts: 15W**

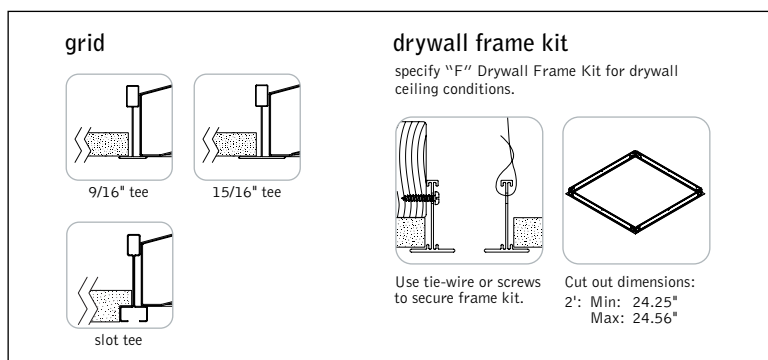


Photometric performance is measured in accordance with IESNA LM-79. Visit [focalpointlights.com](http://focalpointlights.com) for complete photometric data. Visit [designlights.org/QPL](http://designlights.org/QPL) for model specifics.

fixture:

project:

## MOUNTING INFORMATION



## SPECIFICATIONS

### LED System

LED module incorporates premium LEDs on a robust platform to achieve excellent thermal management. LEDs are placed to promote a uniform appearance. Available in 3000K, 3500K or 4000K with CRI>80, 3 SDCM. LED modules and drivers are replaceable from below.

### Construction

One piece 24 Ga. steel reflector and housing. Bottom access 24 Ga. steel driver compartment. Top access plate for electrical connection. Positional brackets supplied as standard. Unit weight: 9 lbs.

### Optic

24 Ga. steel reflectors finished in matte satin white powder coat. .084" thick frosted white acrylic diffuser with linear micro-prism pattern.

### Electrical

Standard 120-277V driver includes 0-10V analog dimming. Power factor > .9. LD1 not Right Light as standard, consult factory. PoE compatible: Integrates with Power over Ethernet lighting systems via standard, low-voltage wires.

### Emergency

Emergency battery output—10 watts for 90 minutes. Maximum mounting height: 19.9ft. Emergency Circuit with Connected Solutions (NLT1, ENL5, CLM1, CLMZ1, DLM1) requires a UL924 compliant device, consult factory. PoE compatible: Integrates with Power over Ethernet lighting systems via standard, low-voltage wires.

### Labels

UL and cUL Listed. Suitable for Dry or Damp Locations, indoor use only.

### Finish

Polyester powder coat applied over a multi-stage pre-treatment. Optional Anti-Microbial paint finish available.

### Lumen Maintenance

Reported: L70 at > 60,000 hours      Calculated: L70 at 145,000 hours  
L80 at > 60,000 hours      L80 at 91,000 hours  
Derived from EPA TM-21 calculator. Based on typical conditions, consult factory for additional data.

### Reliability

At Focal Point, our products are designed to stand the test of time. Each luminaire is engineered using superior components, manufactured with the utmost care and rigorously tested. Contact us for reliability data.

### Warranty

LED system rated for operation in ambient environments up to 25°C. 5-year limited warranty.

## PERFORMANCE CHART

Delivered Lumens	Tested System Watts	LPW
2000 Lumens	2000L	16
	2000LH	15
2500 Lumens	2500L	20
	2500LH	20
3000 Lumens	3000L	23
	3000LH	22
3500 Lumens	3500L	28
	3500LH	27
4000 Lumens	4000L	32
	4000LH	31
4500 Lumens	4500LH	35
5000 Lumens	5000LH	38

Lumen Multipliers		
CCT	CRI	Multiplier
3000K	80	0.81
	90	0.93
3500K	80	1.00
	90	0.96
4000K	80	0.85
	90	0.98

Based on 3500K, 80 CRI. \*Lumen output may vary +/- 8%. Actual wattage may vary +/- 5%

Focal Point LLC reserves the right to change specifications for product improvement without notification.

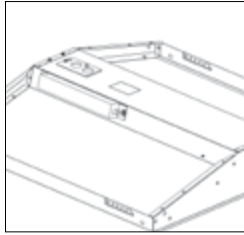
## ORDERING

Luminaire Series	FAM2
Amica 2	FAM2
Nominal Size	22
2' x 2'	22
Shielding	ACR
Ribbed Acrylic Diffuser	ACR
Lumen Output	
Standard (1 LED Board)	
2000 Lumens	2000L
2500 Lumens	2500L
3000 Lumens	3000L
3500 Lumens	3500L
4000 Lumens	4000L
High Efficiency (2 LED Boards)	
2000 Lumens	2000LH
2500 Lumens	2500LH
3000 Lumens	3000LH
3500 Lumens	3500LH
4000 Lumens	4000LH
4500 Lumens	4500LH
5000 Lumens	5000LH
Color Temperature	
3000K, 80+ CRI or 90+ CRI	30K or 930K
3500K, 80+ CRI or 90+ CRI	35K or 935K
4000K, 80+ CRI or 90+ CRI	40K or 940K
Circuit	1C
Single Circuit	1C
Voltage	
120/277 UNV Volt	UNV
347 Volt	347
(LD1, CLM1 & CLMZ1 only. Not available with EM.)	
Low Voltage	LV
Control System & Dimming Level	
0-10V - 1% Dimming	L11
0-10V - 10% Dimming	LD1
(Not Right Light as standard, consult factory)	
Low Voltage, PoE compatible	LVN
(No driver. Not available with EM or EC. LV Voltage only.)	
Lutron Hi-Lume EcoSystem (LDE1) - 1% Dimming	LH1
Lutron 5-Series EcoSystem (LDE5) - 5% Dimming	LU5
Step Dimming	SD5
DALI 1% Dimming	D11
Acuity nLight - 1% Dimming	NLT1
(Not available with Chicago Plenum)	
Recessed grid & drywall frame kit mounting only.)	
Enlighted Smart Sensor - 5% Dimming	ENL5
Osram Connected Lighting Module for ENCELIUM systems - 1% Dimming	CLM1
(Compatible with Osram ENCELIUM and ENCELIUM EDGE systems only)	
Osram Connected Lighting Module for ZigBee Wireless Networks - 1% Dimming	CLMZ1
(Not compatible with Osram ENCELIUM systems)	
Wattstopper DLM - 1% Dimming	DLM1
(Recessed grid & drywall frame kit mounting only)	
Mounting	
Grid	G
Drywall Frame Kit	F
(Cut out dimensions: Min: 24.25"/Max: 24.56")	
Surface Mount	SM
24" Aircraft Cable	C24
48" Aircraft Cable	C48
96" Aircraft Cable	C96
Factory Options	
Air Return	AR
(Overall height for luminaire with Air Return is 4.4")	
Chicago Plenum	CP
(Not available with flex whip)	
Emergency Battery with Integral Test Switch	EM
6' New York City Flex Whip (120V)	FN1
6' New York City Flex Whip (277V)	FN2
6' Flex Whip	FW
Finish	
Matte Satin White	WH
Matte Satin White Anti-Microbial	WHA



Options in orange qualify for the Quickship program. 5-day up to 100 pieces, 10-day up to 300 pieces. Refer to Quickship Guide for complete details.

Focal Point provides flexibility in meeting the needs of each project by integrating with several building lighting control systems. A variety of sensors, drivers and other components can be specified that allow the luminaires to communicate with wired and wireless networks. All zoning can be digitally reconfigured through the application software. Daylight harvesting, occupancy sensing, integration with HVAC systems, and individual controls enable the monitoring and modulating of light levels and temperature in order to save energy, reduce costs and maximize occupants' comfort. All Connected Solutions luminaires require a compatible building control system.†



nLight® provides a two-way wired digital lighting system allowing for on/off and dimming functionality, occupancy sensing, and multi-zone daylight harvesting.

Acuity nLight - 1% Dimming (NLT1)  
Acuity Model #nEPS-60-IO

CAT-5 Cable provided by others. Serial labels will be provided on outside of luminaires and control unit.



Enlighted smart sensor allows for occupancy sensing, daylight harvesting, energy usage, temperature and light level control. Communicates wirelessly with the Enlighted network.

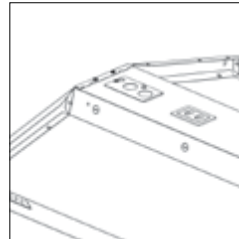
Enlighted Smart Sensor - 5% Dimming (ENL5)  
Enlighted Model #CS-D2



Connected Lighting Module (CLM) enables each luminaire to be independently controlled and configured. Communicates wirelessly with Daintree Networks®, Osram ENCELIUM®, Osram ENCELIUM EDGE™, and other networks using the ZigBee® HA communication protocol to allow for on/off and dimming functionality, occupancy sensing and multi-zone daylight harvesting.

Osram CLM - 1% Dimming (CLM1 & CLMZ1)  
Osram Model #ZBHA-CLM DIM

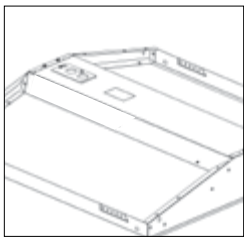
Serial labels will be provided on outside of luminaires and control unit.



A Digital Lighting Management (DLM) system that provides two-way wired communication between networked luminaires and control system to allow for on/off and dimming functionality, occupancy sensing and multi-zone daylight harvesting.

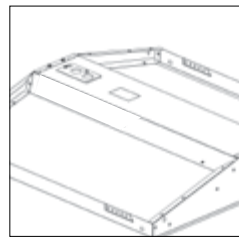
Wattstopper DLM - 1% Dimming (DLM1)  
Wattstopper Model #LMFC-011

CAT-5 Cable provided by others. Serial labels will be provided on outside of luminaires and control unit.



A two-way digital network that enables on/off and dimming functionality, occupancy sensing, and multi-zone daylight harvesting working with Quantum®, Energi Savr Node™, and Energi TriPak® using EcoSystem® communication protocol.

Lutron Hi-Lume EcoSystem - 1% Dimming (LH1)  
Lutron Model #LDE1  
Lutron 5-Series EcoSystem - 5% Dimming (LU5)  
Lutron Model #LDE5



A two-way digital network that enables on/off and dimming functionality, occupancy sensing, and multi-zone daylight harvesting. Communicates with Züm wireless and SpaceBuilder working with Züm hub scheduling or FUSION management.

DALI - 1% Dimming (D11)  
0-10V - 1% Dimming (L11)  
*Note: 0-10V is not a digital network but is compatible with Creston Züm™ system.*

## CONNECTED SOLUTIONS DETAILS

Connected Solution	Model #	Protocol	Compatible Networks*	Occupancy	Daylight	Temperature Reporting	Communication to Luminaire	Drivers
Acuity nLight (NLT1)	nEPS-60-IO**	nLight	nLight	Enabled	Enabled	No	Wired	<b>eldoLED ECODrive</b> , eldoLED SOLOdrive
Crestron (D11, L11)	Specified Driver	DALI 0-10V	Crestron Züm Wireless & SpaceBuilder	Enabled	Enabled	No	Wired	<b>eldoLED ECODrive (DALI)</b> , <b>Advance by Signify (0-10V)</b>
Enlighted Smart Sensor (ENL5)	CS-D2**	Enlighted RF	Enlighted	Integrated	Integrated	Yes	Wireless	<b>Advance by Signify</b>
Legrand Wattstopper DLM (DLM1)	LMFC-011**	DLM	DLM	Enabled	Enabled	No	Wired	<b>Advance by Signify</b> , Osram Optotronic
Lutron EcoSystem (LH1 & LU5)	LDE1**, LDE5**	EcoSystem	Quantum, Energi Savr Node, Energi TriPak	Enabled	Enabled	No	Wired	<b>Lutron Hi-Lume</b> <b>Lutron 5-Series</b>
Osram CLM for ENCELIUM systems (CLM1)	ZBHA-CLM**	ZigBee HA	Osram ENCELIUM & ENCELIUM EDGE	Enabled	Enabled	No	Wireless	<b>Osram Optotronic</b>
Osram CLM for ZigBee Wireless Networks (CLMZ1)	ZBHA-CLM**	ZigBee HA	Daintree Networks & open ZigBee Networks	Enabled	Enabled	No	Wireless	<b>Osram Optotronic</b>

\*Not all compatible networks may be listed. \*\*For performance data and additional control system details please visit the connected solutions manufacturer websites. Primary drivers are listed in **bold**. To specify a particular driver please consult factory. †Controls systems supplied by others.